

## **1 Logistics**

Next Meeting: Wednesday, 8/16/2006 at 12:30 PM in Small Seminar Room (please feel free to bring lunch)

## **2 Topics Considered in First Meeting (8/9/2006)**

1. Braneworld cosmology
  - (a) Non-gaussianity in DBI inflation
  - (b) Cosmic strings produced at the end of brane inflation
2. Holographic bounds
3. Spacetime emerging from gauge theories
4. String dynamics in time dependent/metastable background
5. Implications of dilatonic gravity
6. Wave function of the universe
7. Supergravity signatures
8. Other string inspired inflationary scenarios
9. Cosmological constant solution proposals
10. Axions

## **3 Agenda for 8/16/2006**

1. Bousso on Holography/eternal inflation
2. Shiu on DBI inflation and non-gaussianity
3. Any other ideas someone finds interesting